

FIGURE 1

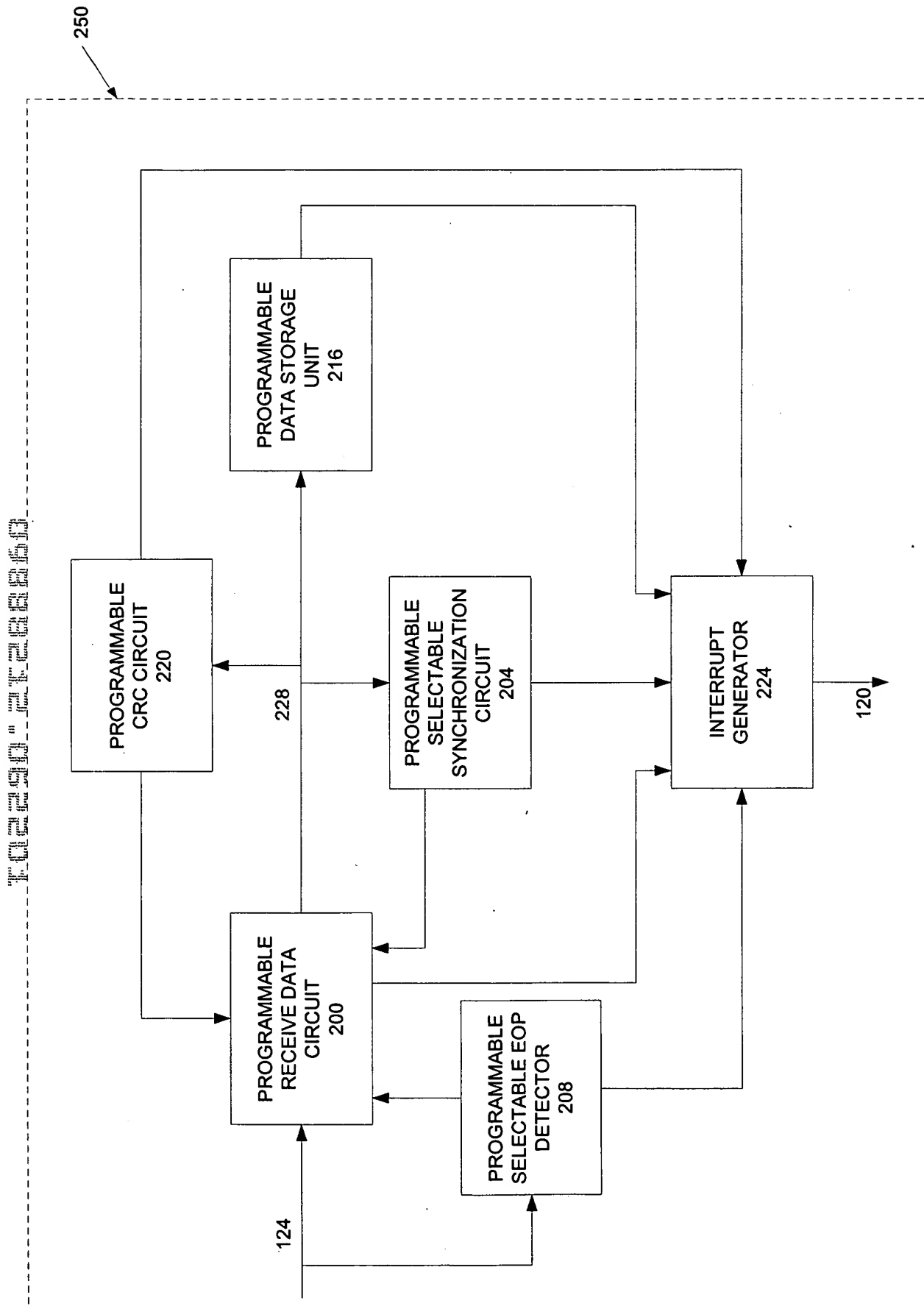


FIGURE 2

FIGURE 3

FIG. 4

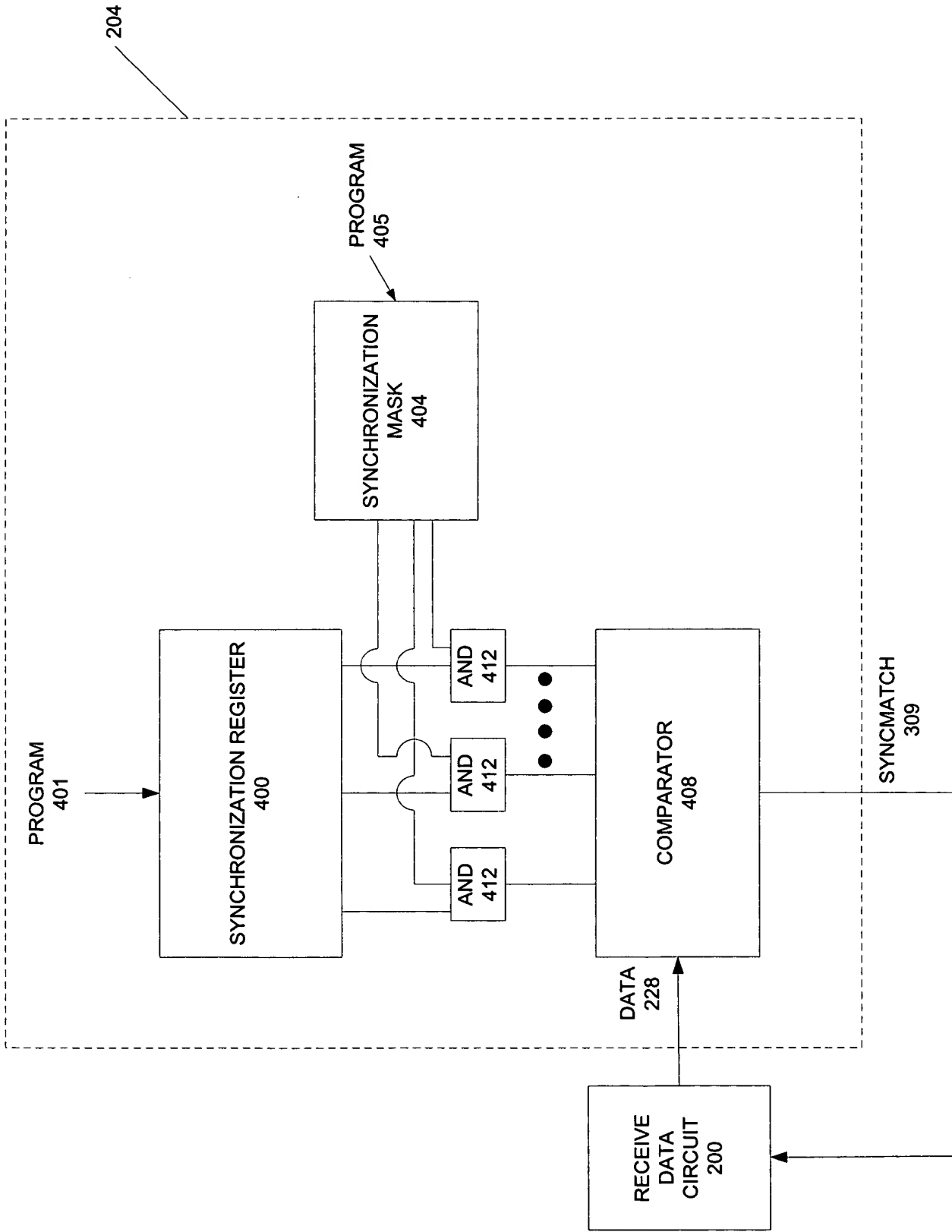


FIGURE 4

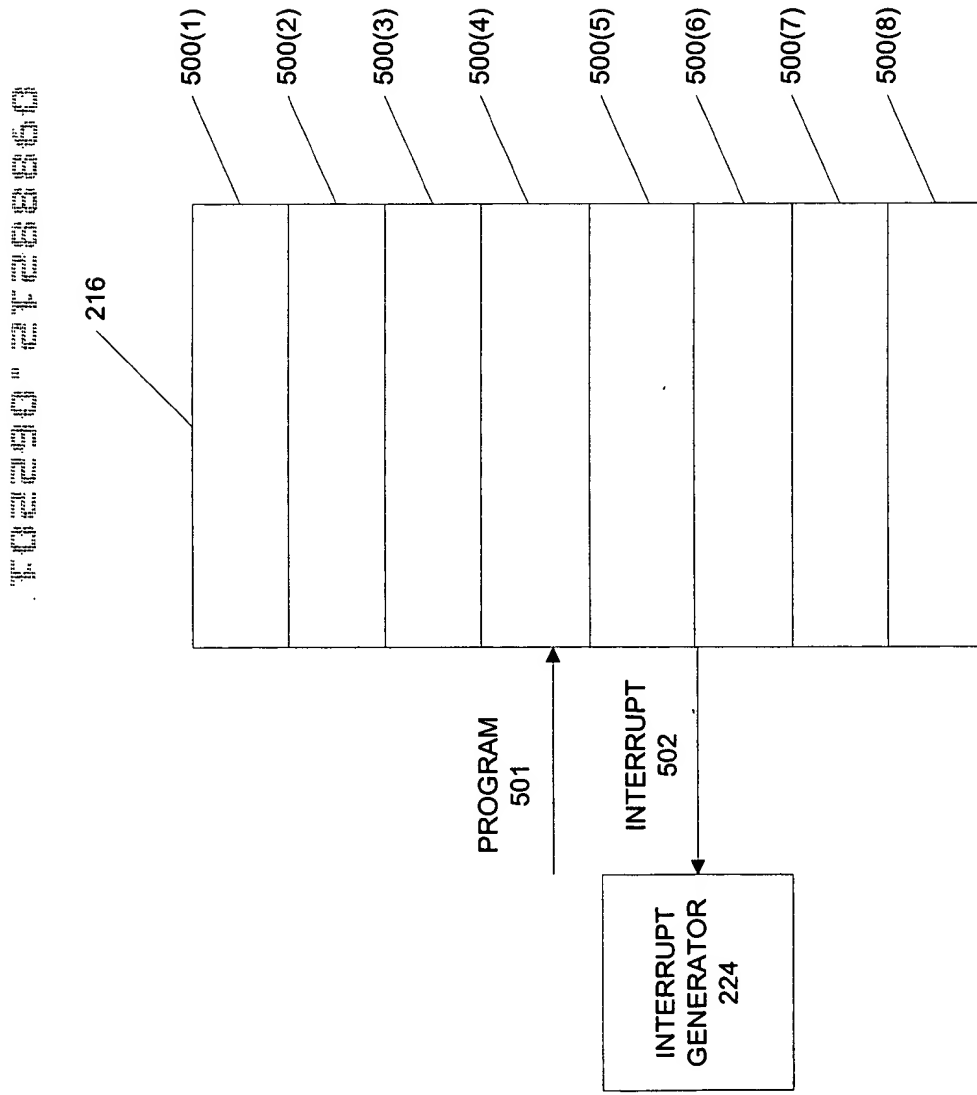


FIGURE 5

FIG. 6

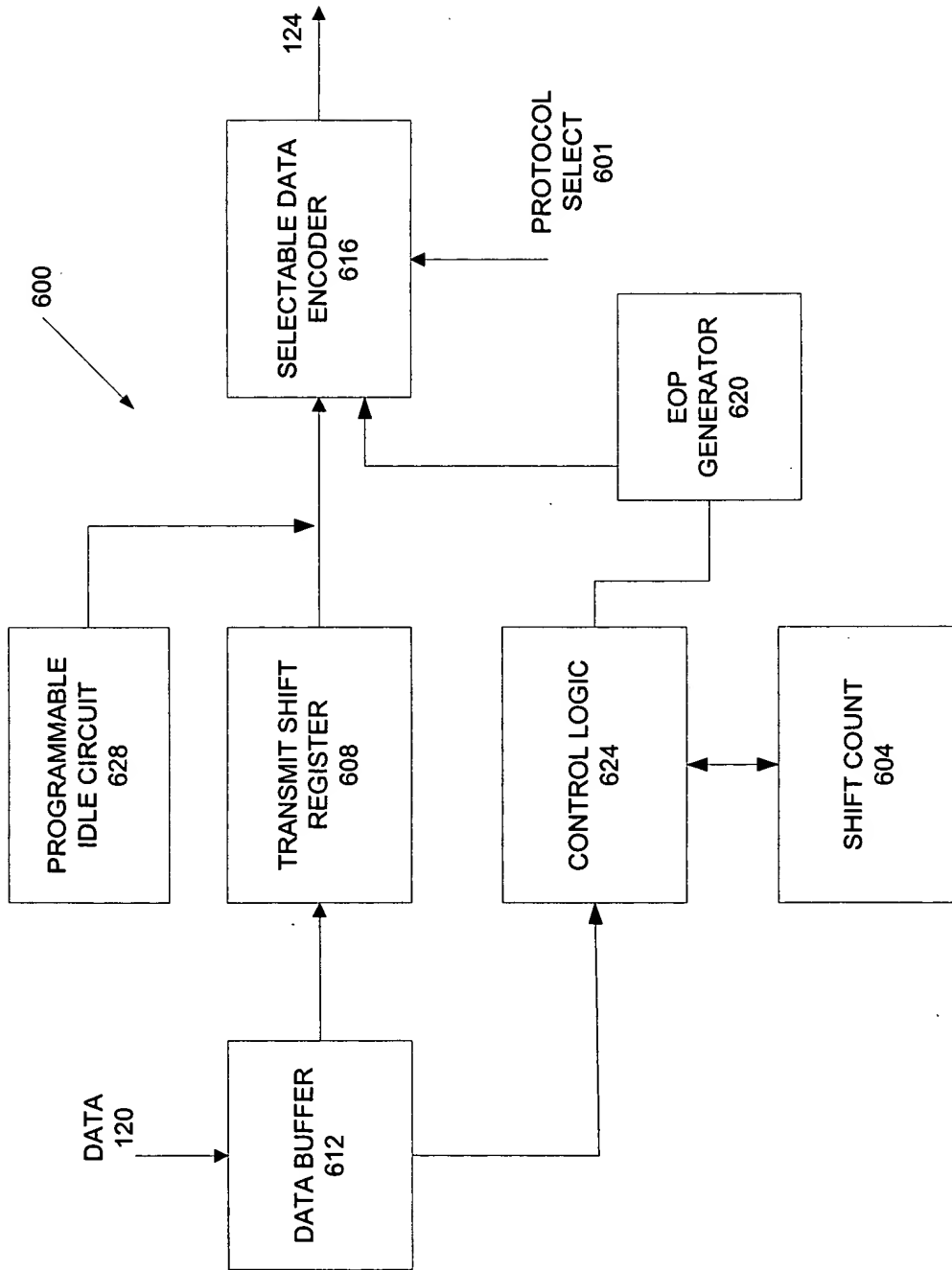


FIGURE 6

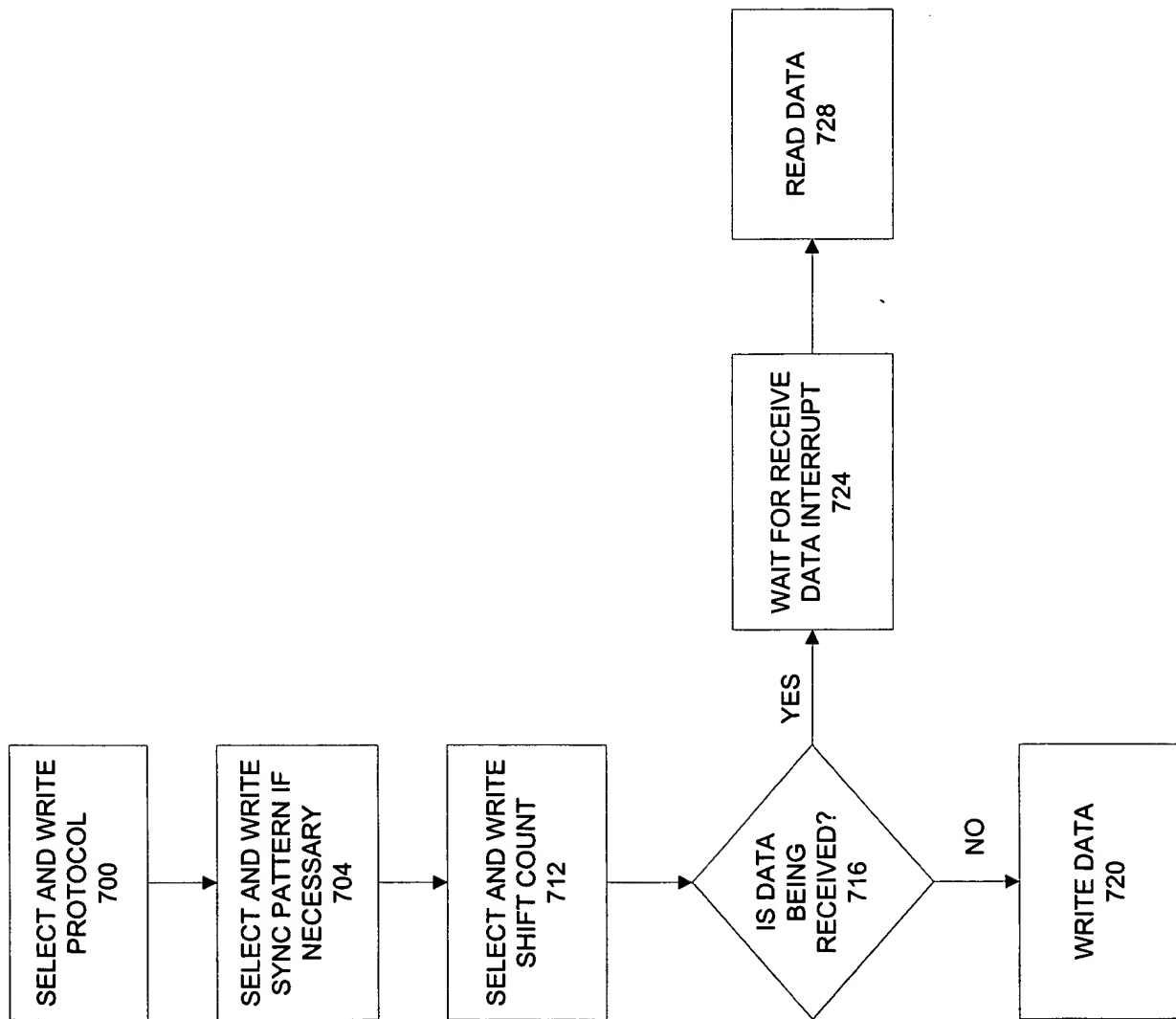


FIGURE 7

FIG. 7 is a flowchart of the process of selecting and writing protocol, sync pattern, and shift count, then checking for received data. If data is received, it waits for a receive data interrupt and then reads the data. If not, it writes the data.